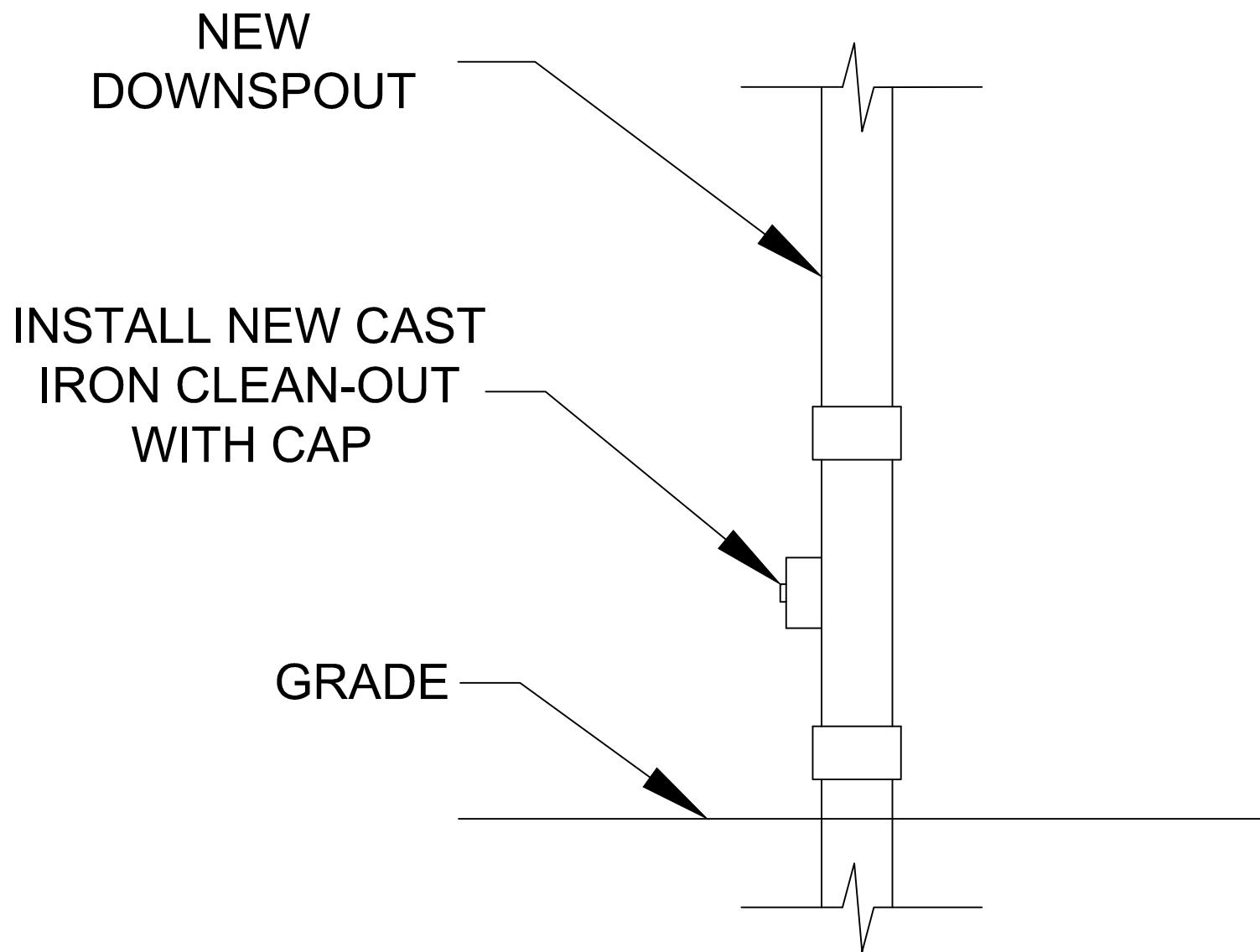


A
B
C
D
E
F

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

GENERAL NOTES:

1. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING ALL LABOR, MATERIALS, EQUIPMENT, AND SUPERVISION NECESSARY FOR FURNISHING AND INSTALLING NEW ROOFING IN CONFORMANCE WITH THE DETAILS AS SHOWN.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND PERFORMING ANY AND ALL REQUIRED MEASUREMENTS USED IN PREPARATION OF BIDDING DOCUMENTS. ALL DIMENSIONS ARE APPROXIMATE. PARAPET WALLS NOT INCLUDED IN DIMENSIONS.
3. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SITE UTILITIES. IF DAMAGE OCCURS TO ANY UTILITIES, IT MUST BE REPAIRED AT CONTRACTORS OWN EXPENSE.
4. WORK AREAS SHALL BE ROPED OFF AROUND WORK SITES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BLOCKING OFF AREAS AS REQUIRED, FURNISHING THE NECESSARY BARRICADES, SIGNS, ECT...ALL ENTRANCES SHALL REMAIN OPERATIONAL AT ALL TIMES UNLESS PRIOR PERMISSION HAS BEEN OBTAINED TO RESTRICT OTHER THAN EMERGENCY ACCESS.
5. TOOLS AND EQUIPMENT SHALL BE SECURED ANY TIME WORKERS ARE NOT IN THE IMMEDIATE AREA. THE WORK SITE SHALL BE CLEANED UP AT THE CONCLUSION OF EACH DAYS WORK.
6. UPON FINAL CLEAN-UP, THE CONTRACTOR SHALL REMOVE ANY DEBRIS, RUBBISH, AND EXCESS MATERIAL FROM THE STATION.
7. THE CONTRACTOR SHALL FOLLOW ALL APPLICABLE VAMC REGULATIONS, OSHA STANDARDS AND INTERIM LIFE SAFETY MEASURES.
8. THE CONTRACTOR SHALL TAKE EVERY PRECAUTION TO PREVENT DAMAGING ADJACENT PAVING, SIDEWALKS, SHRUBBERY, ECT...IF DAMAGE OCCURS IT MUST BE REPAIRED AT CONTRACTORS OWN EXPENSE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REQUIRED REPAIRS TO DAMAGED SOD. COMPLETED REPAIRS MADE BY EXPERIENCED PERSONNEL SHALL MATCH THE EXISTING.
10. THE WORK PREFORMED IN THIS CONTRACT SHALL BE CAREFULLY COORDINATED WITH THE PROJECT ENGINEER AND A WORK SCHEDULE SHALL BE SUBMITTED BY THE CONTRACTOR FOR APPROVAL. PRIOR TO THE START OF ANY WORK. DEMOLISHED AREAS SHALL BE REPAIRED WITHIN 4 WORKING DAYS OF THEIR REMOVAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR A SCHEDULE ALLOWING A MINIMUM OF TEN (10) DAYS ADVANCE NOTICE OF THE PLANNED START OF WORK/CONSTRUCTION ACTIVITIES. THE CONTRACTOR WILL BE ALLOWED TO WORK AFTER THE CLOSE OF REGULAR BUSINESS HOURS BY APPROVAL ONLY. THIS SHALL BE SCHEDULED WITH THE PROJECT ENGINEER AND THE CONTRACTOR SHALL REPORT IN AND OUT WITH THE VA POLICE WHEN WORKING AFTER HOURS.
11. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROTECT THE ROOF FROM STORM DAMAGE DURING REMOVAL OF EXISTING ROOFING.
12. THE CONTRACTOR SHALL HAVE ON THE JOB AT ALL TIMES DURING THE PROGRESS A FORMAN, SUPERINTENDENT OR OTHER COMPETENT REPRESENTATIVE TO WHOM ORDERS AND INSTRUCTIONS MAY BE GIVEN. HIS NAME IS TO BE CERTIFIED TO THE VA AND ANY ORDERS GIVEN TO SUCH REPRESENTATIVE SHALL HAVE THE SAME FORCE AND EFFECT AS IF GIVEN DIRECTLY TO THE CONTRACTOR. A PHONE NUMBER WHERE A RESPONSIBLE PERSON CAN BE REACHED AFTER HOURS IN CASE OF PROBLEMS ECT...SHALL BE PROVIDED ALSO.
13. THE CONTRACTOR SHALL REMOVE ALL VENTS OTHER THAN VTR'S FROM ROOF AND PROPERLY SECURE THE EXISTING OPENING BEFORE INSTALLING NEW ROOFING. ALL AIR CONDITIONING UNITS SHALL ALSO BE REMOVED. ALL SCRAPE METAL SHALL REMAIN PROPERTY OF THE VAMC AND THE CONTRACTOR SHALL DISPOSE OF IT IN BUILDING 79.
14. ALL SCUPPERS AND DOWNSPOUTS SHALL BE REMOVED AND REPLACED WITH GALVANIZED METAL AND SHALL BE PRIMED AND PAINTED (TWO COATS) TO MATCH OTHER EXISTING BUILDINGS IN ADJACENT AREA. A CAST IRON CLEAN-OUT SHALL BE INSTALLED AT THE BASE OF ALL DOWNSPOUTS THAT CONNECT BELOW GROUND. (SEE DOWNSPOUT CLEAN-OUT DETAIL) . THE CONTRACTOR SHALL MACHINE AUGER ALL UNDERGROUND STORM DRAINS A MIN. OF 60 FEET. BEFORE INSTALLING THE CAST IRON CLEAN-OUT.
15. ALL BOX GUTTERS SHALL BE CLEANED OUT BY POWER WASHING AND SCRAPING. AFTER COMPLETELY DRY THE CONTRACTOR SHALL INSTALL A SELF ADHERING, ALUMINUM FACED, RUBBERIZED ASPHALT GUTTER LINER ACCORDING TO THE BOX GUTTER DETAIL. ANY EXPOSED GUTTER SHALL BE PRIMED AND PAINTED (TWO COATS) TO MATCH THE COLOR OF THE GUTTER LINER.
16. UPON COMPLETION OF REMOVING EXISTING ROOFING, 30 lb. FELT PAPER SHALL BE INSTALLED OVER DECKING WHERE STONE COATED STEEL SHINGLES ARE LOCATED. BEFORE FELT PAPER IS INSTALLED THE CONTRACTOR SHALL EXAMINE THE EXISTING DECKING TO MAKE SURE THAT THE DECKING IS SECURELY NAILED DOWN TO THE RAFTERS. IF ADDITIONAL NAILING IS NECESSARY IT WILL BE THE CONTRACTORS RESPONSIBILITY TO SECURE THE DECKING WITH #8 SINKER NAILS. THE FELT PAPER SHALL BE SECURED BY 1-1/4" BUTTON CAPPED NAILS MIN. WITH PLASTIC WASHER.
17. 1-3/4" WHITE ALUMINUM DRIP EDGE SHALL BE USED ON GABLE ENDS. ALL FLASHING SHALL BE REPLACED WITH NEW STAINLESS STEEL FLASHING.
13. FLAT ROOF MEMBRANE SHALL CONSIST OF .060 MIL (K.E.E.) KETONE ETHYLENE ESTER FLEECE BACKED (WHITE) MEMBRANE OVER 5" MIN. POLYISOCYANURATE THAT IS MECHANICALLY FASTENED OR ADHERED WITH LOW RISING FOAM. THICKNESS MAY BE LESS ADJACENT TO DRAINS AND OVERFLOWS.
14. ALL PARAPET WALLS SHALL BE COMPLETELY COVERED WITH ROOFING MEMBRANE AND TERMINATED UNDER EXISTING CAP STONE. THE CONTRACTOR SHALL GRIND OUT AND TUCK POINT ALL CAPSTONE JOINTS.
15. NEW 2' x 2' WALKWAY PADS SHALL BE INSTALLED. ALL PADS SHALL BE CONCRETE PADS WITH A RUBBER PAD UNDER LINER.
16. PRIME AND PAINT (TWO COATS) ALL VTR'S, NEW LADDERS, STAIRS, HANDRAILS, CONDUITS, ETC... WITH APPROVED SUBMITTED COLOR.
17. THE CONTRACTOR SHALL INCLUDE IN THEIR BID A BREAKDOWN OF THE COST PER SQUARE FOOT OF LABOR AND MATERIALS TO REPLACE ANY DAMAGED OR ROTTED DECKING OR EVE'S FOR A TOTAL OF A \$2500.00 ALLOWANCE. ANY AMOUNT OF THIS ALLOWANCE NOT USED SHALL BE CREDITED TO THE GOVERNMENT. ANY AMOUNT MORE THAN \$2500.00 SHALL BE APPROVED BY THE PROJECT ENGINEER. OVERHEAD AND PROFIT SHALL NOT BE INCLUDED.

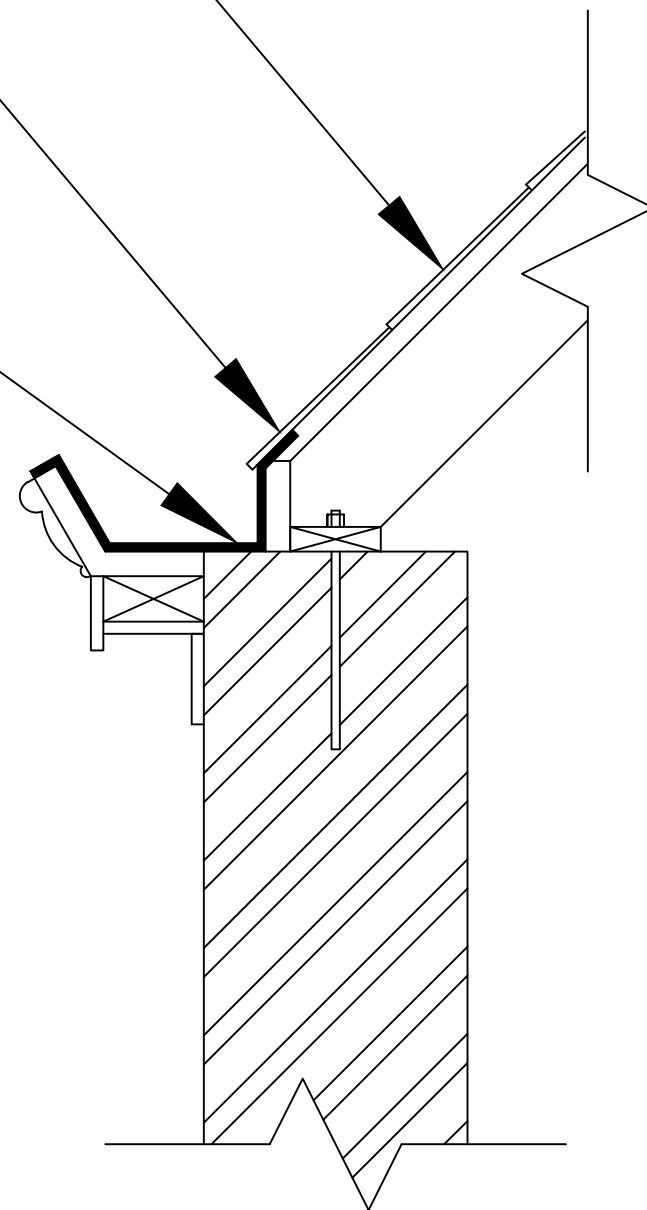


DOWNSPOUT
CLEAN-OUT DETAIL

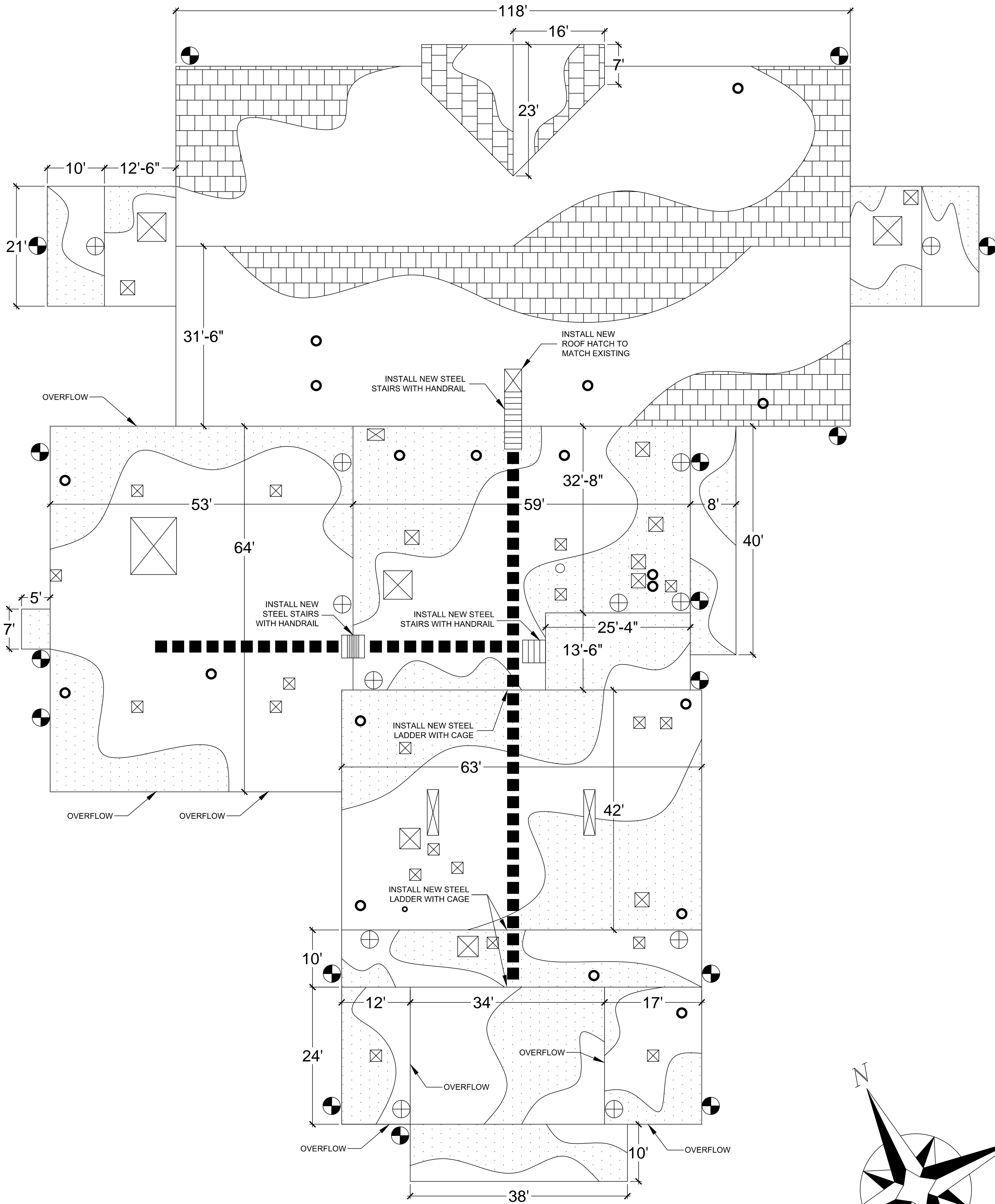
STONE COATED STEEL SHINGLES

INSTALL NEW LINER UNDER
STEEL SHINGLES A MIN. OF
3" AND RESEAL SHINGLE'S
WITH A BEAD OF BITUMEN

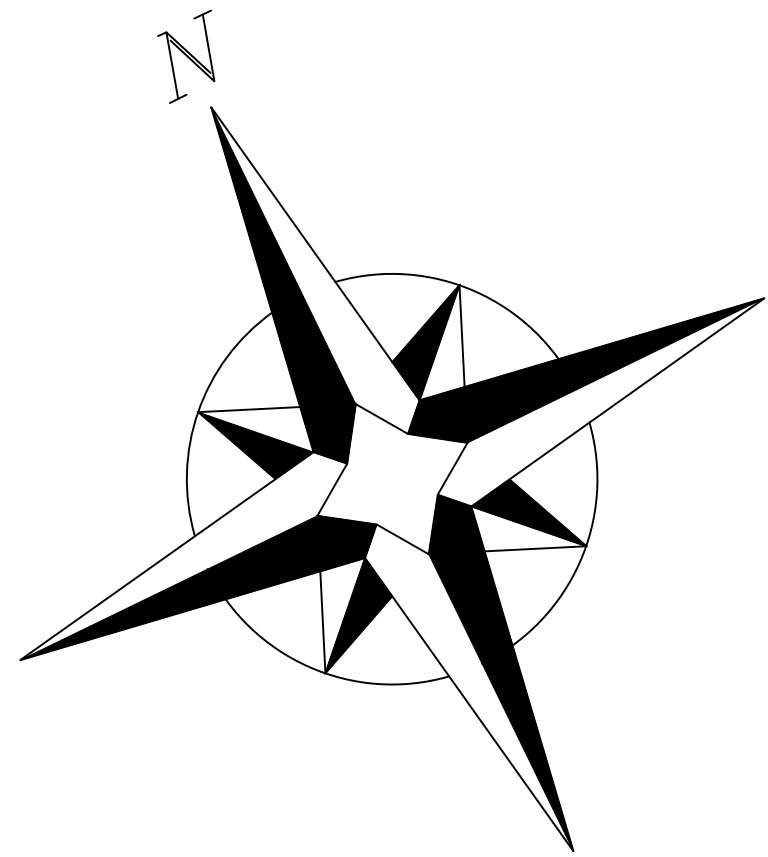
INSTALL "PEEL AND SEAL", AN
ALUMINUM FACED, RUBBERIZED
ASPHALT GUTTER LINER THAT IS
SELF ADHERING. MIN. 40 MIL.
(SLATE GRAY)



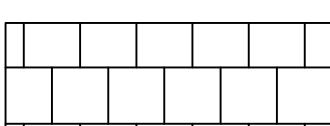
BOX GUTTER DETAIL



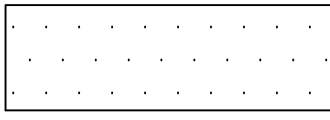
BUILDING 122 ROOF DETAIL



LEGEND



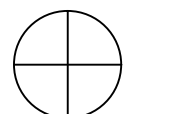
= STONE COATED STEEL SHINGLES



= KETONE ETHYLENE ESTER FLEECE BACKED MEMBRANE (K.E.E.)



= DOWNSPOUT CLEAN-OUT LOCATION



= DOWNSPOUT WITH OUT CLEAN-OUT LOCATION



= VENT THROUGH ROOF (VTR)

Approved: Acting Medical Center Director
Daniel Hendee, FACHE

Approved: Medical Center Assoc. Director
Helen Rhodes

Approved: Engineering Department
Charles Applewhite

Drawing Title

ROOF DETAIL

Approved: Project Director

Project Title

REPLACE ROOF, B-122

Location

MARION, IN

Date

3/28/2012

Checked

APPLEWHITE

Drawn

Z. MCDANIEL

Project Number

610-12-182

Building Number

B-122

Drawing Number

12-103M

Dwg. 2 of 2

